



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

January 1993

DECEMBER 1992

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

California agricultural employment totaled 274,600 workers in December, a decline of 34,700 from November. (Table 1-A.) This was a three percent increase from the December 1991 level. Job losses occurred in all regions during December, and ranged from 100 to 15,200. Major job losses occurred in Farm Labor Contracting (9,200), Berries (7,100), Crop Services (6,900), and Vegetables and Melons (6,000).

Wage and Salary Workers in Agricultural Establishments

For December

1992

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	274.6	119.5	46.0	42.0	33.2	22.7	9.9
Total Crops	153.0	59.4	31.5	24.8	11.9	16.9	7.6
Total Livestock	25.0	13.4	2.0	1.0	4.9	2.4	1.6
Total Services	96.6	46.7	12.5	16.2	16.4	3.4	0.7

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

December employment was 6,900 above the year ago level. Four regions recorded employment gains from December 1991 while two (San Joaquin Valley and North Coast) were below a year ago. Most of this increase was accounted for by Crop Services. (Tables 1-A through 7-A.)

Average hourly earnings in December were \$6.81, compared to \$6.65 in December 1991. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during December were:

- Desert: Sugar beets (preharvest), vineyards (prune & tie).
- South Coast: Lemons (harvest), tomatoes, horticulture, and miscellaneous vegetables (plant, cultivate & harvest).
- Central Coast: Cauliflower (harvest), miscellaneous vegetables (preharvest/harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Lemons and navel oranges (harvest), rose plants, and miscellaneous vegetables (plant, cultivate & harvest), orchards (prune), and vineyards (prune & tie).
- Sacramento Valley: Orchards (prune).
- North Coast: None.

AGRICULTURAL PRODUCTION WORKERS

There were 241,100 agricultural production workers employed statewide during December, down 38,300 from November. (Table 1-B.)

In December the statewide average weekly earnings for production workers were \$249.93. The San Joaquin Valley Region had the lowest average weekly earnings, at \$235.66, while the highest were in the Desert Region, at \$291.33. (Tables 1-C through 7-C.)

The statewide average hourly work week for December was 36.7 hours. The region with the lowest average work week, 36.0 hours, was the Central Coast. The Highest average work week, 41.5 hours, was in the Desert. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For December 1992

(In Dollars per Hour)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.81	6.51	6.93	7.69	7.02	6.67	7.16
Total Crops	6.76	6.49	6.68	7.50	6.63	6.72	7.14
Total Livestock	7.34	7.45	8.19	7.42	8.13	6.79	6.63
Total Services	6.73	6.17	7.47	8.07	6.92	6.24	8.64

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 12 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

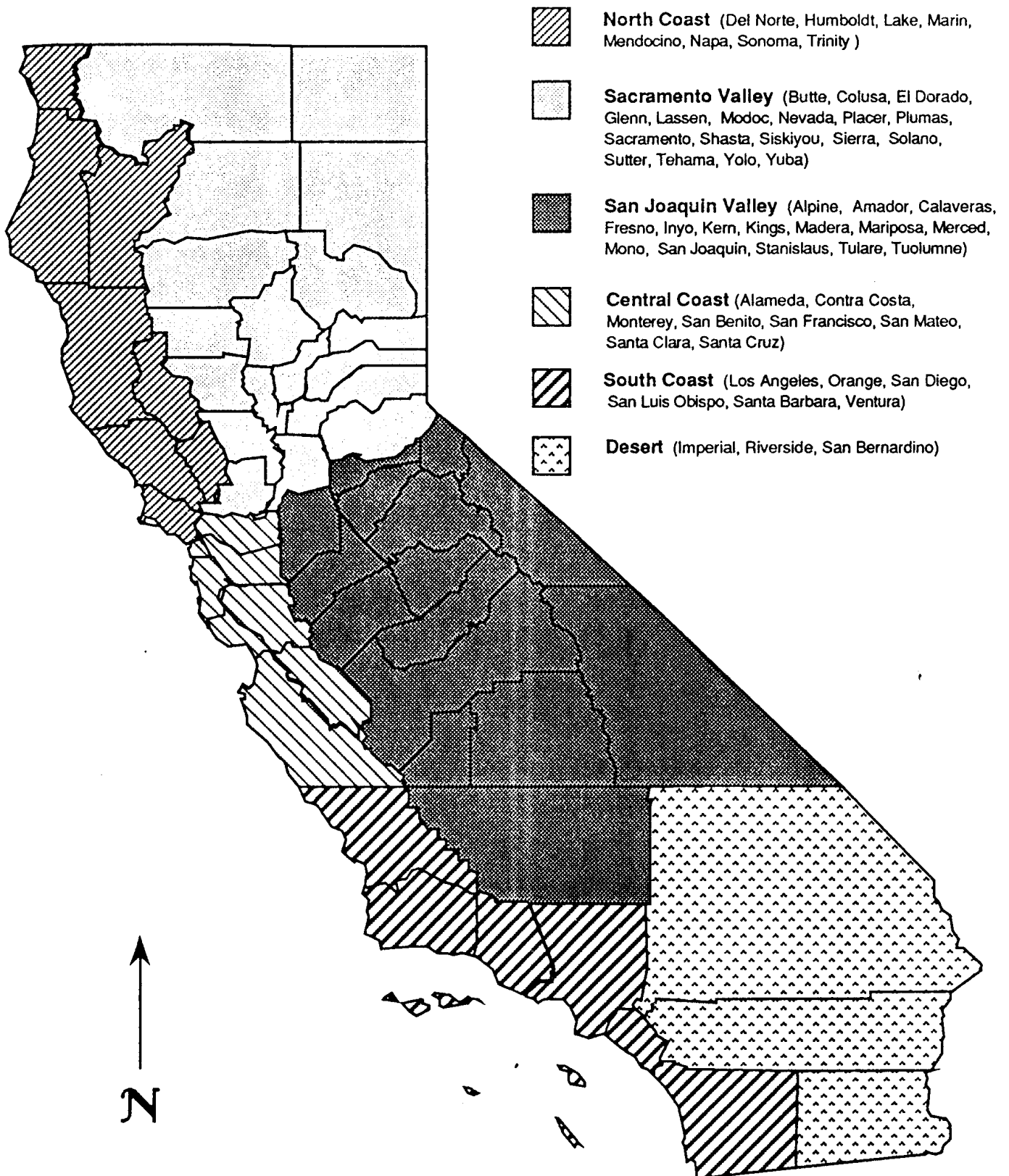
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 262-2321. (ATSS 8-469-2321).

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

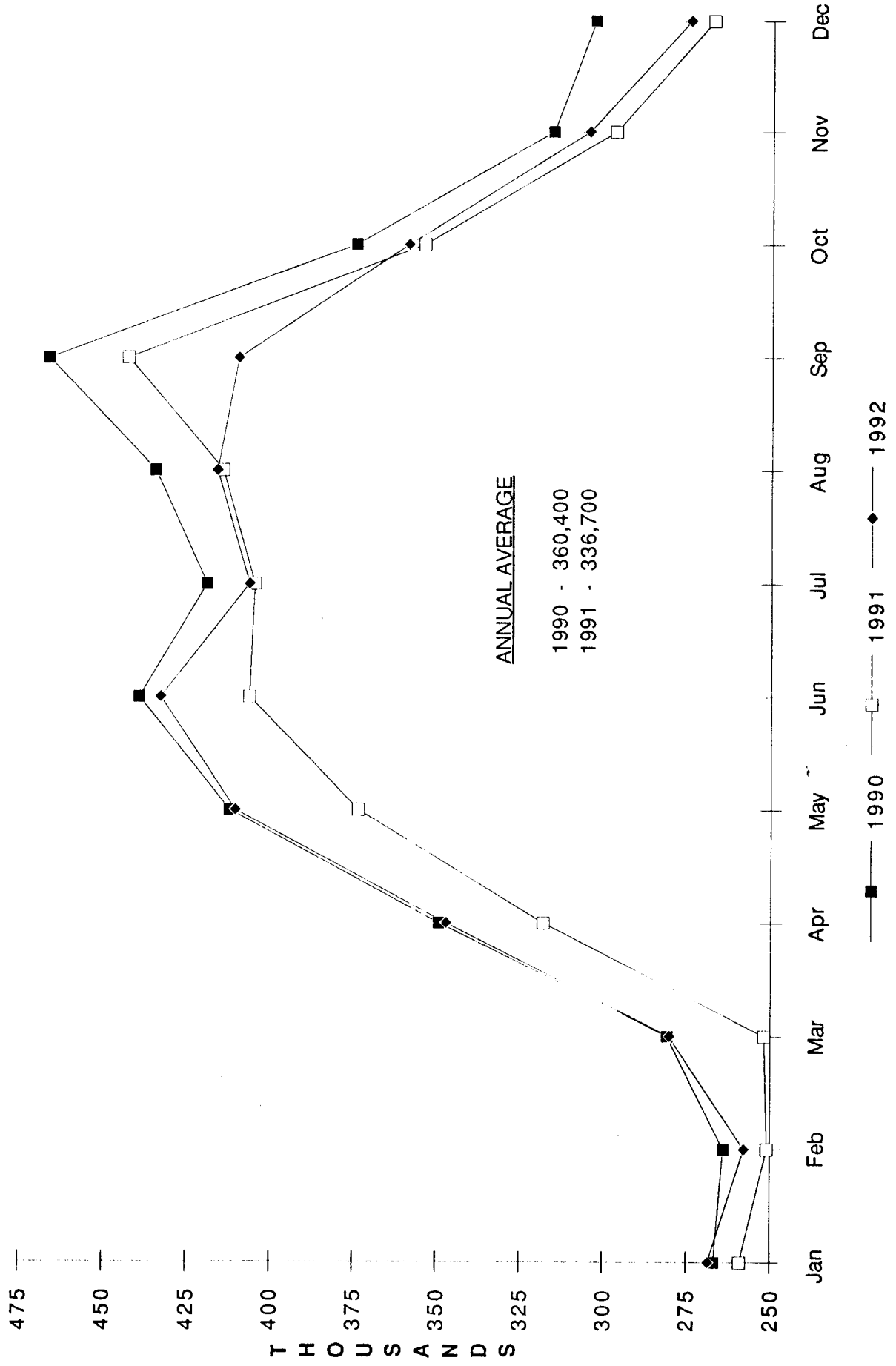


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	274.6	309.3	267.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	153.0	171.0	151.1
CASH GRAINS	2.6	3.4	2.1
RICE	1.1	1.4	1.1
OTHER CASH GRAINS	1.5	2.0	1.0
FIELD CROPS EXCEPT CASH GRAINS	8.8	11.5	9.7
COTTON	5.2	7.2	5.8
OTHER FIELD CROPS	3.6	4.3	3.9
VEGETABLES AND MELONS	21.2	27.2	20.7
TOTAL FRUITS AND TREE NUTS	60.2	67.9	60.2
BERRIES	5.3	12.4	6.3
GRAPES	23.2	21.0	21.7
TREE NUTS	7.4	8.8	7.3
CITRUS FRUITS	6.4	6.7	5.5
DECIDUOUS TREE FRUIT	9.6	8.8	11.0
OTHER FRUITS AND NUTS	8.3	10.2	8.4
TOTAL HORTICULTURAL SPECIALTIES	36.2	35.5	34.1
ORNAMENTAL FLORAL & NURSERY	32.8	32.0	30.8
FOOD CROPS GROWN UNDER COVER	3.4	3.5	3.3
GENERAL FARM PRIMARILY CROP	24.0	25.5	24.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.0	25.3	26.6
BEEF CATTLE FEED LOTS	0.7	0.7	0.8
BEEF CATTLE EXCEPT FEED LOTS	4.0	4.1	4.0
DAIRY FARMS	12.7	12.9	12.8
CHICKEN EGGS	2.7	2.6	3.2
TURKEYS & TURKEY EGGS	1.0	1.1	1.3
OTHER LIVESTOCK	3.9	3.9	4.5
TOTAL AGRICULTURAL SERVICES	96.6	113.0	90.0
SOIL PREPARATION SERVICES	1.0	1.2	0.9
CROP SERVICES	44.9	51.8	38.2
PLANT CULTIVATE & PROTECTION	5.6	6.4	4.4
HARVEST PRIMARILY BY MACHINE	7.6	9.8	6.0
PREPARATION SVCS FOR MARKET	30.5	33.7	26.2
COTTON GINNING	1.2	1.9	1.6
TOTAL FARM LABOR & MANAGEMENT	50.7	60.0	50.9
FARM LABOR CONTRACTORS	44.0	53.2	45.2
FARM MANAGEMENT SERVICES	6.7	6.8	5.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	241.1	279.4	238.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	131.1	151.2	132.4
CASH GRAINS	2.1	2.8	1.7
RICE	0.8	1.0	0.8
OTHER CASH GRAINS	1.3	1.8	0.9
FIELD CROPS EXCEPT CASH GRAINS	7.9	10.5	8.7
COTTON	4.8	6.7	5.3
OTHER FIELD CROPS	3.1	3.8	3.4
VEGETABLES AND MELONS	18.8	24.7	18.5
TOTAL FRUITS AND TREE NUTS	52.7	61.4	54.1
BERRIES	4.9	12.0	5.6
GRAPES	20.5	18.2	19.3
TREE NUTS	6.5	7.8	6.5
CITRUS FRUITS	5.8	6.2	5.0
DECIDUOUS TREE FRUIT	8.8	7.8	10.0
OTHER FRUITS AND NUTS	6.2	9.4	7.7
TOTAL HORTICULTURAL SPECIALTIES	28.4	29.0	27.4
ORNAMENTAL FLORAL & NURSERY	25.4	25.9	24.6
FOOD CROPS GROWN UNDER COVER	3.0	3.1	2.8
GENERAL FARM PRIMARILY CROP	21.2	22.8	22.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	19.7	22.0	22.6
BEEF CATTLE FEED LOTS	0.5	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.3	3.3
DAIRY FARMS	11.8	12.1	11.9
CHICKEN EGGS	2.0	2.0	2.1
TURKEYS & TURKEY EGGS	0.7	0.8	0.9
OTHER LIVESTOCK	1.5	3.3	3.8
TOTAL AGRICULTURAL SERVICES	90.3	106.2	83.0
SOIL PREPARATION SERVICES	0.7	0.9	0.7
CROP SERVICES	40.9	47.4	33.1
PLANT CULTIVATE & PROTECTION	4.7	5.5	3.3
HARVEST PRIMARILY BY MACHINE	7.2	9.3	5.4
PREPARATION SVCS FOR MARKET	28.0	31.0	23.2
COTTON GINNING	1.0	1.6	1.2
TOTAL FARM LABOR & MANAGEMENT	48.7	57.9	49.2
FARM LABOR CONTRACTORS	43.0	52.2	44.4
FARM MANAGEMENT SERVICES	5.7	5.7	4.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	249.93	275.40	265.34
TOTAL AGRICULTURAL PRODUCTION/CROPS	251.47	282.86	268.62
CASH GRAINS	330.65	342.68	376.25
RICE	315.75	318.07	441.70
OTHER CASH GRAINS	338.95	356.45	313.78
FIELD CROPS EXCEPT CASH GRAINS	298.16	324.70	280.69
COTTON	307.75	326.35	291.92
OTHER FIELD CROPS	283.08	320.91	264.06
VEGETABLES AND MELONS	297.94	321.90	311.06
TOTAL FRUITS AND TREE NUTS	214.93	256.80	244.68
BERRIES	170.77	224.29	220.17
GRAPES	231.62	306.68	261.30
TREE NUTS	201.45	252.56	248.56
CITRUS FRUITS	213.93	242.68	268.20
DECIDUOUS TREE FRUIT	208.21	212.28	211.48
OTHER FRUITS AND NUTS	221.78	253.69	244.91
TOTAL HORTICULTURAL SPECIALTIES	271.56	291.76	293.38
ORNAMENTAL FLORAL & NURSERY	262.86	286.33	286.89
FOOD CROPS GROWN UNDER COVER	343.62	345.10	346.94
GENERAL FARM PRIMARILY CROP	249.14	272.89	249.60
TOTAL AGRIC PRODUCTION/LIVESTOCK	343.51	359.56	355.51
BEEF CATTLE FEED LOTS	361.31	353.62	362.21
BEEF CATTLE EXCEPT FEED LOTS	301.70	333.93	317.63
DAIRY FARMS	357.02	381.58	388.55
CHICKEN EGGS	344.59	329.51	308.48
TURKEYS & TURKEY EGGS	334.82	330.90	350.52
OTHER LIVESTOCK	321.14	330.71	308.91
TOTAL AGRICULTURAL SERVICES	226.13	247.42	234.94
SOIL PREPARATION SERVICES	390.60	469.50	499.95
CROP SERVICES	254.14	274.91	265.17
PLANT CULTIVATE & PROTECTION	292.93	310.34	304.61
HARVEST PRIMARILY BY MACHINE	195.93	254.53	268.41
PREPARATION SVCS FOR MARKET	260.51	269.63	253.45
COTTON GINNING	313.86	375.53	355.15
TOTAL FARM LABOR & MANAGEMENT	200.30	221.34	211.09
FARM LABOR CONTRACTORS	191.89	214.17	204.83
FARM MANAGEMENT SERVICES	261.86	288.81	270.17

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	36.7	40.5	39.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	37.2	42.6	40.7
CASH GRAINS	46.9	52.0	49.9
RICE	42.1	44.3	51.6
OTHER CASH GRAINS	49.7	56.4	48.2
FIELD CROPS EXCEPT CASH GRAINS	45.8	49.8	42.4
COTTON	46.7	49.9	43.7
OTHER FIELD CROPS	44.3	49.6	40.5
VEGETABLES AND MELONS	39.1	44.4	41.2
TOTAL FRUITS AND TREE NUTS	33.9	40.0	38.9
BERRIES	26.6	35.1	35.8
GRAPES	35.2	42.3	39.0
TREE NUTS	33.8	44.7	42.2
CITRUS FRUITS	28.6	33.8	36.0
DECIDUOUS TREE FRUIT	36.4	36.6	37.9
OTHER FRUITS AND NUTS	37.4	44.9	41.3
TOTAL HORTICULTURAL SPECIALTIES	39.3	41.8	43.4
ORNAMENTAL FLORAL & NURSERY	39.0	41.8	43.6
FOOD CROPS GROWN UNDER COVER	41.5	42.5	41.5
GENERAL FARM PRIMARILY CROP	36.8	44.3	40.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.8	49.8	48.7
BEEF CATTLE FEED LOTS	52.9	52.7	53.9
BEEF CATTLE EXCEPT FEED LOTS	43.1	46.9	44.8
DAIRY FARMS	47.1	52.2	51.6
CHICKEN EGGS	50.6	48.6	48.2
TURKEYS & TURKEY EGGS	53.4	53.2	55.2
OTHER LIVESTOCK	42.2	43.4	40.7
TOTAL AGRICULTURAL SERVICES	33.6	35.6	36.2
SOIL PREPARATION SERVICES	46.5	52.4	50.5
CROP SERVICES	35.2	37.2	37.4
PLANT CULTIVATE & PROTECTION	36.8	40.2	41.9
HARVEST PRIMARILY BY MACHINE	27.1	32.8	38.9
PREPARATION SVCS FOR MARKET	36.9	37.5	35.9
COTTON GINNING	38.7	47.0	45.3
TOTAL FARM LABOR & MANAGEMENT	32.1	34.0	35.3
FARM LABOR CONTRACTORS	31.1	33.0	34.6
FARM MANAGEMENT SERVICES	39.2	43.3	41.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	6.81	6.80	6.65
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.76	6.64	6.60
CASH GRAINS	7.05	6.59	7.54
RICE	7.50	7.18	8.56
OTHER CASH GRAINS	6.82	6.32	6.51
FIELD CROPS EXCEPT CASH GRAINS	6.51	6.52	6.62
COTTON	6.59	6.54	6.68
OTHER FIELD CROPS	6.39	6.47	6.52
VEGETABLES AND MELONS	7.62	7.25	7.55
TOTAL FRUITS AND TREE NUTS	6.34	6.42	6.29
BERRIES	6.42	6.39	6.15
GRAPES	6.58	7.25	6.70
TREE NUTS	5.96	5.65	5.89
CITRUS FRUITS	7.48	7.18	7.45
DECIDUOUS TREE FRUIT	5.72	5.80	5.58
OTHER FRUITS AND NUTS	5.93	5.65	5.93
TOTAL HORTICULTURAL SPECIALTIES	6.91	6.98	6.76
ORNAMENTAL FLORAL & NURSERY	6.74	6.85	6.58
FOOD CROPS GROWN UNDER COVER	8.28	8.12	8.36
GENERAL FARM PRIMARILY CROP	6.77	6.16	6.24
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.34	7.22	7.30
BEEF CATTLE FEED LOTS	6.83	6.71	6.72
BEEF CATTLE EXCEPT FEED LOTS	7.00	7.12	7.09
DAIRY FARMS	7.58	7.31	7.53
CHICKEN EGGS	6.81	6.78	6.40
TURKEYS & TURKEY EGGS	6.27	6.22	6.35
OTHER LIVESTOCK	7.61	7.62	7.59
TOTAL AGRICULTURAL SERVICES	6.73	6.95	6.49
SOIL PREPARATION SERVICES	8.40	8.96	9.90
CROP SERVICES	7.22	7.39	7.09
PLANT CULTIVATE & PROTECTION	7.96	7.72	7.27
HARVEST PRIMARILY BY MACHINE	7.23	7.76	6.90
PREPARATION SVCS FOR MARKET	7.06	7.19	7.06
COTTON GINNING	8.11	7.99	7.84
TOTAL FARM LABOR & MANAGEMENT	6.24	6.51	5.98
FARM LABOR CONTRACTORS	6.17	6.49	5.92
FARM MANAGEMENT SERVICES	6.68	6.67	6.51

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employment

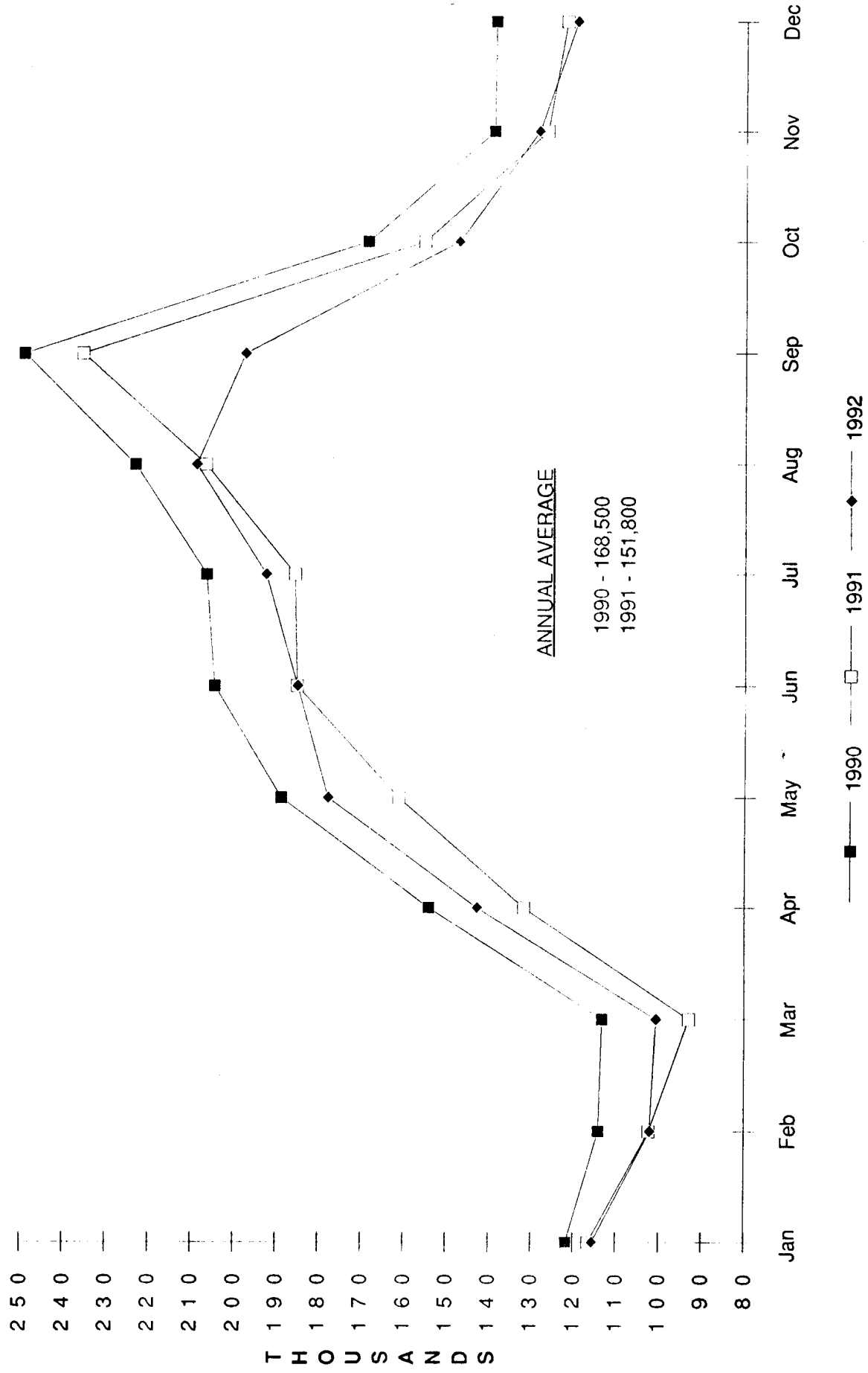


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	119.5	128.7	122.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	59.4	63.7	62.2
TOTAL FIELD CROPS	7.1	9.7	7.8
COTTON	5.1	7.2	5.5
OTHER FIELD CROPS	2.0	2.5	2.3
VEGETABLES AND MELONS	3.1	4.3	3.0
TOTAL FRUITS AND TREE NUTS	30.3	31.3	33.2
GRAPES	12.7	12.6	14.3
TREE NUTS	5.0	5.8	4.9
CITRUS FRUITS	3.2	3.6	3.1
DECIDUOUS TREE FRUIT	4.8	4.1	6.3
OTHER FRUITS AND NUTS	4.6	5.2	4.6
HORTICULTURAL SPECIALTIES	5.7	4.8	4.9
GENERAL FARM PRIMARILY CROP	13.2	13.6	13.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.4	13.6	13.5
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.5	1.6	1.5
DAIRY FARMS	8.4	8.5	8.2
POULTRY & EGGS	2.0	2.0	2.3
OTHER LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	46.7	51.4	46.3
CROP SERVICES	21.1	23.9	19.2
PLANT CULTIVATE & PROTECTION	3.5	4.0	2.8
HARVEST PRIMARILY BY MACHINE	1.4	2.7	1.6
PREPARATION SVCS FOR MARKET	15.0	15.3	13.3
COTTON GINNING	1.2	1.9	1.5
TOTAL FARM LABOR & MANAGEMENT	25.6	27.5	27.1
FARM LABOR CONTRACTORS	23.1	25.2	24.3
FARM MANAGEMENT SERVICES	2.5	2.3	2.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	106.9	117.3	110.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	51.7	57.3	56.0
TOTAL FIELD CROPS	6.5	8.9	7.0
COTTON	4.8	6.7	5.0
OTHER FIELD CROPS	1.7	2.2	2.0
VEGETABLES AND MELONS	2.7	3.9	2.7
TOTAL FRUITS AND TREE NUTS	26.7	28.8	30.8
GRAPES	11.9	11.8	13.5
TREE NUTS	4.4	5.1	4.4
CITRUS FRUITS	2.9	3.4	2.9
DECIDUOUS TREE FRUIT	4.4	3.7	5.7
OTHER FRUITS AND NUTS	3.1	4.8	4.3
HORTICULTURAL SPECIALTIES	3.9	3.5	3.6
GENERAL FARM PRIMARILY CROP	11.9	12.2	11.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	11.9	12.2	12.1
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.2	1.2
DAIRY FARMS	7.8	8.0	7.6
POULTRY & EGGS	1.8	1.8	2.0
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	43.3	47.8	42.7
CROP SERVICES	18.6	21.2	16.4
PLANT CULTIVATE & PROTECTION	2.9	3.4	2.1
HARVEST PRIMARILY BY MACHINE	1.1	2.4	1.4
PREPARATION SVCS FOR MARKET	13.6	13.8	11.7
COTTON GINNING	1.0	1.6	1.2
TOTAL FARM LABOR & MANAGEMENT	24.7	26.6	26.3
FARM LABOR CONTRACTORS	22.6	24.7	23.9
FARM MANAGEMENT SERVICES	2.1	1.9	2.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	235.66	271.32	254.23
TOTAL AGRICULTURAL PRODUCTION/CROPS	234.94	288.18	247.89
TOTAL FIELD CROPS	306.31	343.06	296.81
COTTON	308.22	327.34	292.56
OTHER FIELD CROPS	300.83	392.08	308.62
VEGETABLES AND MELONS	278.64	355.68	176.34
TOTAL FRUITS AND TREE NUTS	212.44	262.99	239.27
GRAPES	228.84	308.85	251.80
TREE NUTS	203.69	240.69	249.64
CITRUS FRUITS	195.15	237.36	231.04
DECIDUOUS TREE FRUIT	200.16	197.44	200.02
OTHER FRUITS AND NUTS	194.02	246.38	248.65
HORTICULTURAL SPECIALTIES	186.48	295.60	269.40
GENERAL FARM PRIMARILY CROP	252.82	280.75	252.24
TOTAL AGRIC PRODUCTION/LIVESTOCK	344.94	367.50	357.93
BEEF CATTLE FEED LOTS	329.95	359.61	373.33
BEEF CATTLE EXCEPT FEED LOTS	337.25	359.25	331.82
DAIRY FARMS	346.71	375.13	374.56
POULTRY & EGGS	355.98	355.49	331.36
OTHER LIVESTOCK	323.86	337.13	320.78
TOTAL AGRICULTURAL SERVICES	206.08	227.36	233.43
CROP SERVICES	265.94	260.82	273.49
PLANT CULTIVATE & PROTECTION	295.59	326.88	347.65
HARVEST PRIMARILY BY MACHINE	228.34	243.10	363.59
PREPARATION SVCS FOR MARKET	258.59	231.88	242.06
COTTON GINNING	324.39	393.41	354.77
TOTAL FARM LABOR & MANAGEMENT	160.32	200.66	207.75
FARM LABOR CONTRACTORS	153.94	195.29	202.94
FARM MANAGEMENT SERVICES	230.72	269.95	255.82

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	36.2	40.8	40.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.2	44.2	39.1
TOTAL FIELD CROPS	46.2	51.9	44.3
COTTON	46.7	49.9	43.6
OTHER FIELD CROPS	44.7	58.0	46.2
VEGETABLES AND MELONS	39.3	49.4	25.3
TOTAL FRUITS AND TREE NUTS	34.1	40.9	38.1
GRAPES	35.7	43.5	39.1
TREE NUTS	34.7	42.3	41.4
CITRUS FRUITS	26.3	34.4	28.7
DECIDUOUS TREE FRUIT	36.0	34.1	36.5
OTHER FRUITS AND NUTS	31.6	43.3	40.3
HORTICULTURAL SPECIALTIES	28.0	39.1	39.1
GENERAL FARM PRIMARILY CROP	37.4	45.8	41.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.3	50.0	48.5
BEEF CATTLE FEED LOTS	45.7	51.3	54.5
BEEF CATTLE EXCEPT FEED LOTS	47.3	47.9	44.6
DAIRY FARMS	45.5	50.9	51.1
POULTRY & EGGS	49.1	48.3	43.6
OTHER LIVESTOCK	46.8	48.3	43.0
TOTAL AGRICULTURAL SERVICES	33.4	34.5	39.1
CROP SERVICES	38.1	37.8	41.5
PLANT CULTIVATE & PROTECTION	35.4	41.8	44.8
HARVEST PRIMARILY BY MACHINE	24.5	28.3	60.7
PREPARATION SVCS FOR MARKET	39.6	37.1	38.3
COTTON GINNING	40.6	49.3	45.6
TOTAL FARM LABOR & MANAGEMENT	29.8	31.8	37.5
FARM LABOR CONTRACTORS	29.1	30.9	37.1
FARM MANAGEMENT SERVICES	37.7	43.4	41.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	6.51	6.65	6.34
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.49	6.52	6.34
TOTAL FIELD CROPS	6.63	6.61	6.70
COTTON	6.60	6.56	6.71
OTHER FIELD CROPS	6.73	6.76	6.68
VEGETABLES AND MELONS	7.09	7.20	6.97
TOTAL FRUITS AND TREE NUTS	6.23	6.43	6.28
GRAPES	6.41	7.10	6.44
TREE NUTS	5.87	5.69	6.03
CITRUS FRUITS	7.42	6.90	8.05
DECIDUOUS TREE FRUIT	5.56	5.79	5.48
OTHER FRUITS AND NUTS	6.14	5.69	6.17
HORTICULTURAL SPECIALTIES	6.66	7.56	6.89
GENERAL FARM PRIMARILY CROP	6.76	6.13	6.02
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.45	7.35	7.38
BEEF CATTLE FEED LOTS	7.22	7.01	6.85
BEEF CATTLE EXCEPT FEED LOTS	7.13	7.50	7.44
DAIRY FARMS	7.62	7.37	7.33
POULTRY & EGGS	7.25	7.36	7.60
OTHER LIVESTOCK	6.92	6.98	7.46
TOTAL AGRICULTURAL SERVICES	6.17	6.59	5.97
CROP SERVICES	6.98	6.90	6.59
PLANT CULTIVATE & PROTECTION	8.35	7.82	7.76
HARVEST PRIMARILY BY MACHINE	9.32	8.59	5.99
PREPARATION SVCS FOR MARKET	6.53	6.25	6.32
COTTON GINNING	7.99	7.98	7.78
TOTAL FARM LABOR & MANAGEMENT	5.38	6.31	5.54
FARM LABOR CONTRACTORS	5.29	6.32	5.47
FARM MANAGEMENT SERVICES	6.12	6.22	6.12

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

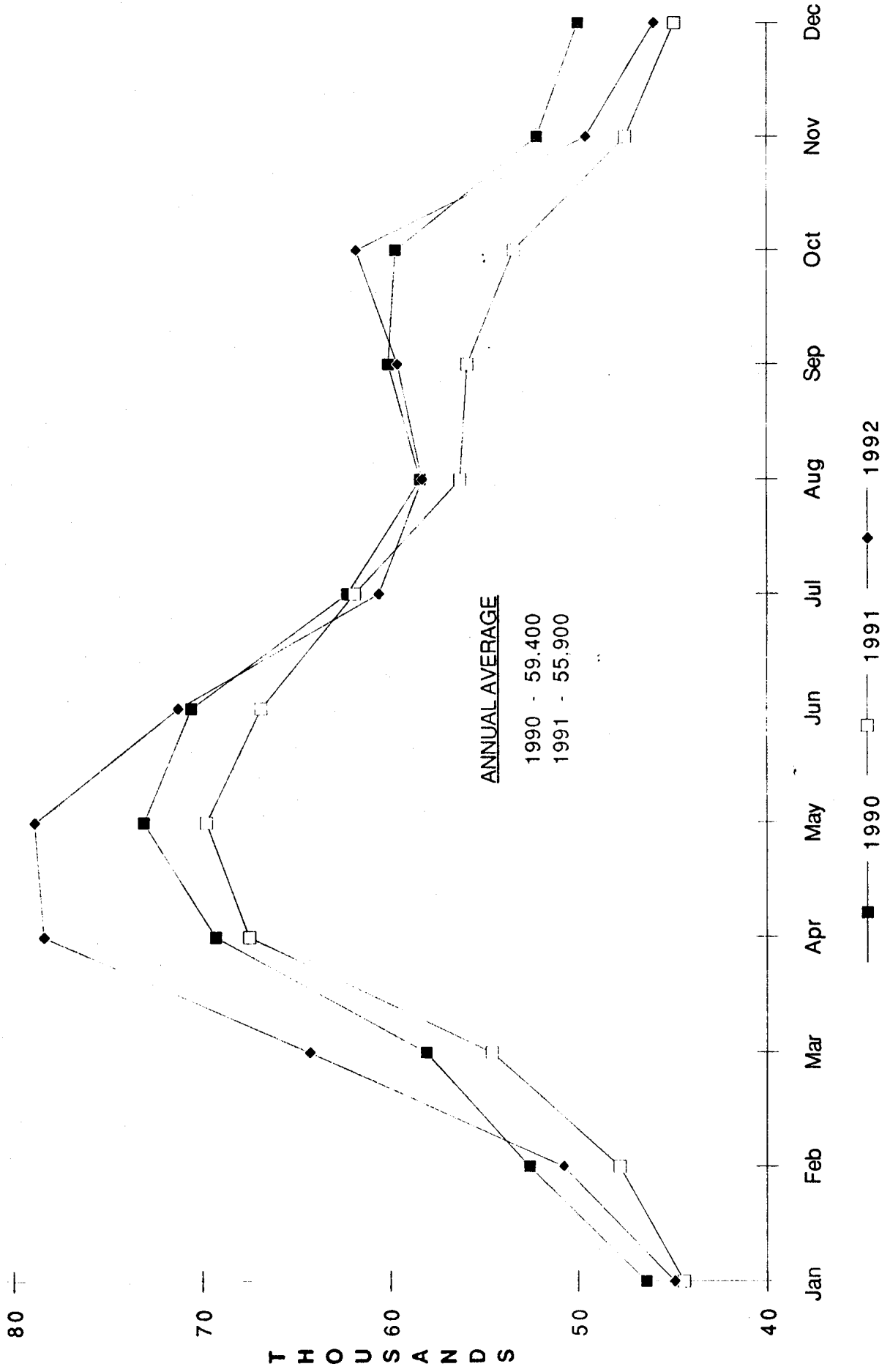


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	46.0	50.6	44.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	31.5	34.9	31.9
VEGETABLES AND MELONS	6.8	7.9	7.0
TOTAL FRUITS AND TREE NUTS	7.6	9.4	7.6
BERRIES	3.3	4.8	3.6
GRAPES	1.0	1.6	0.6
CITRUS FRUITS	1.8	1.6	1.7
OTHER FRUITS AND NUTS	1.5	1.4	1.7
TOTAL HORTICULTURAL SPECIALTIES	14.5	14.8	14.7
ORNAMENTAL FLORAL & NURSERY	13.8	14.0	13.9
FOOD CROPS GROWN UNDER COVER	0.7	0.8	0.8
GENERAL FARM PRIMARILY CROP	2.6	2.8	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.1	2.4
TOTAL AGRICULTURAL SERVICES	12.5	13.6	10.6
CROP SERVICES	4.8	5.7	3.6
HARVEST PRIMARILY BY MACHINE	1.8	2.4	1.3
PREPARATION SVCS FOR MARKET	3.0	3.3	2.3
TOTAL FARM LABOR & MANAGEMENT	7.7	7.9	7.0
FARM LABOR CONTRACTORS	6.6	6.8	5.9
FARM MANAGEMENT SERVICES	1.1	1.1	1.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	39.7	45.0	38.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	26.8	30.6	26.7
VEGETABLES AND MELONS	6.1	7.2	6.2
TOTAL FRUITS AND TREE NUTS	6.8	8.8	6.4
BERRIES	3.0	4.6	3.1
GRAPES	1.0	1.6	0.5
CITRUS FRUITS	1.4	1.3	1.3
OTHER FRUITS AND NUTS	1.4	1.3	1.5
TOTAL HORTICULTURAL SPECIALTIES	11.5	12.1	11.8
ORNAMENTAL FLORAL & NURSERY	10.9	11.5	11.2
FOOD CROPS GROWN UNDER COVER	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	2.4	2.5	2.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.3	1.7	1.6
TOTAL AGRICULTURAL SERVICES	11.6	12.7	9.7
CROP SERVICES	4.4	5.4	3.1
HARVEST PRIMARILY BY MACHINE	1.7	2.3	1.1
PREPARATION SVCS FOR MARKET	2.7	3.1	2.0
TOTAL FARM LABOR & MANAGEMENT	7.2	7.3	6.6
FARM LABOR CONTRACTORS	6.3	6.4	5.7
FARM MANAGEMENT SERVICES	0.9	0.9	0.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	257.10	273.24	289.40
TOTAL AGRICULTURAL PRODUCTION/CROPS	261.19	271.26	291.84
VEGETABLES AND MELONS	256.68	290.11	326.23
TOTAL FRUITS AND TREE NUTS	233.50	237.36	247.05
BERRIES	209.16	211.57	214.44
GRAPES	242.26	243.92	256.56
CITRUS FRUITS	261.71	289.94	294.76
OTHER FRUITS AND NUTS	251.10	271.87	269.93
TOTAL HORTICULTURAL SPECIALTIES	280.73	283.76	298.59
ORNAMENTAL FLORAL & NURSERY	272.63	280.36	296.92
FOOD CROPS GROWN UNDER COVER	425.60	339.63	322.85
GENERAL FARM PRIMARILY CROP	253.34	273.54	289.07
TOTAL AGRIC PRODUCTION/LIVESTOCK	353.81	325.62	313.24
TOTAL AGRICULTURAL SERVICES	239.04	272.44	279.33
CROP SERVICES	281.82	294.26	324.32
HARVEST PRIMARILY BY MACHINE	229.96	269.33	295.40
PREPARATION SVCS FOR MARKET	314.48	312.40	340.22
TOTAL FARM LABOR & MANAGEMENT	211.76	256.03	257.38
FARM LABOR CONTRACTORS	186.50	236.43	260.20
FARM MANAGEMENT SERVICES	385.09	394.24	245.67

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	37.1	40.6	41.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.1	41.1	43.3
VEGETABLES AND MELONS	35.6	42.6	42.7
TOTAL FRUITS AND TREE NUTS	37.6	38.1	40.7
BERRIES	33.2	32.7	35.8
GRAPES	37.1	37.7	39.9
CITRUS FRUITS	38.6	43.6	46.2
OTHER FRUITS AND NUTS	46.5	53.1	46.3
TOTAL HORTICULTURAL SPECIALTIES	42.6	42.8	44.9
ORNAMENTAL FLORAL & NURSERY	42.4	43.0	45.4
FOOD CROPS GROWN UNDER COVER	47.5	39.4	35.4
GENERAL FARM PRIMARILY CROP	34.8	38.8	43.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.2	43.3	45.2
TOTAL AGRICULTURAL SERVICES	32.0	39.2	36.9
CROP SERVICES	38.5	40.7	38.2
HARVEST PRIMARILY BY MACHINE	30.1	36.2	40.3
PREPARATION SVCS FOR MARKET	43.8	44.0	36.9
TOTAL FARM LABOR & MANAGEMENT	27.9	38.1	36.2
FARM LABOR CONTRACTORS	24.9	35.5	36.7
FARM MANAGEMENT SERVICES	48.5	56.4	33.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	6.93	6.73	6.94
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.68	6.60	6.74
VEGETABLES AND MELONS	7.21	6.81	7.64
TOTAL FRUITS AND TREE NUTS	6.21	6.23	6.07
BERRIES	6.30	6.47	5.99
GRAPES	6.53	6.47	6.43
CITRUS FRUITS	6.78	6.65	6.38
OTHER FRUITS AND NUTS	5.40	5.12	5.83
TOTAL HORTICULTURAL SPECIALTIES	6.59	6.63	6.65
ORNAMENTAL FLORAL & NURSERY	6.43	6.52	6.54
FOOD CROPS GROWN UNDER COVER	8.96	8.62	9.12
GENERAL FARM PRIMARILY CROP	7.28	7.05	6.63
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.19	7.52	6.93
TOTAL AGRICULTURAL SERVICES	7.47	6.95	7.57
CROP SERVICES	7.32	7.23	8.49
HARVEST PRIMARILY BY MACHINE	7.64	7.44	7.33
PREPARATION SVCS FOR MARKET	7.18	7.10	9.22
TOTAL FARM LABOR & MANAGEMENT	7.59	6.72	7.11
FARM LABOR CONTRACTORS	7.49	6.66	7.09
FARM MANAGEMENT SERVICES	7.94	6.99	7.29

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS

CENTRAL COAST

Wage and Salary Employment

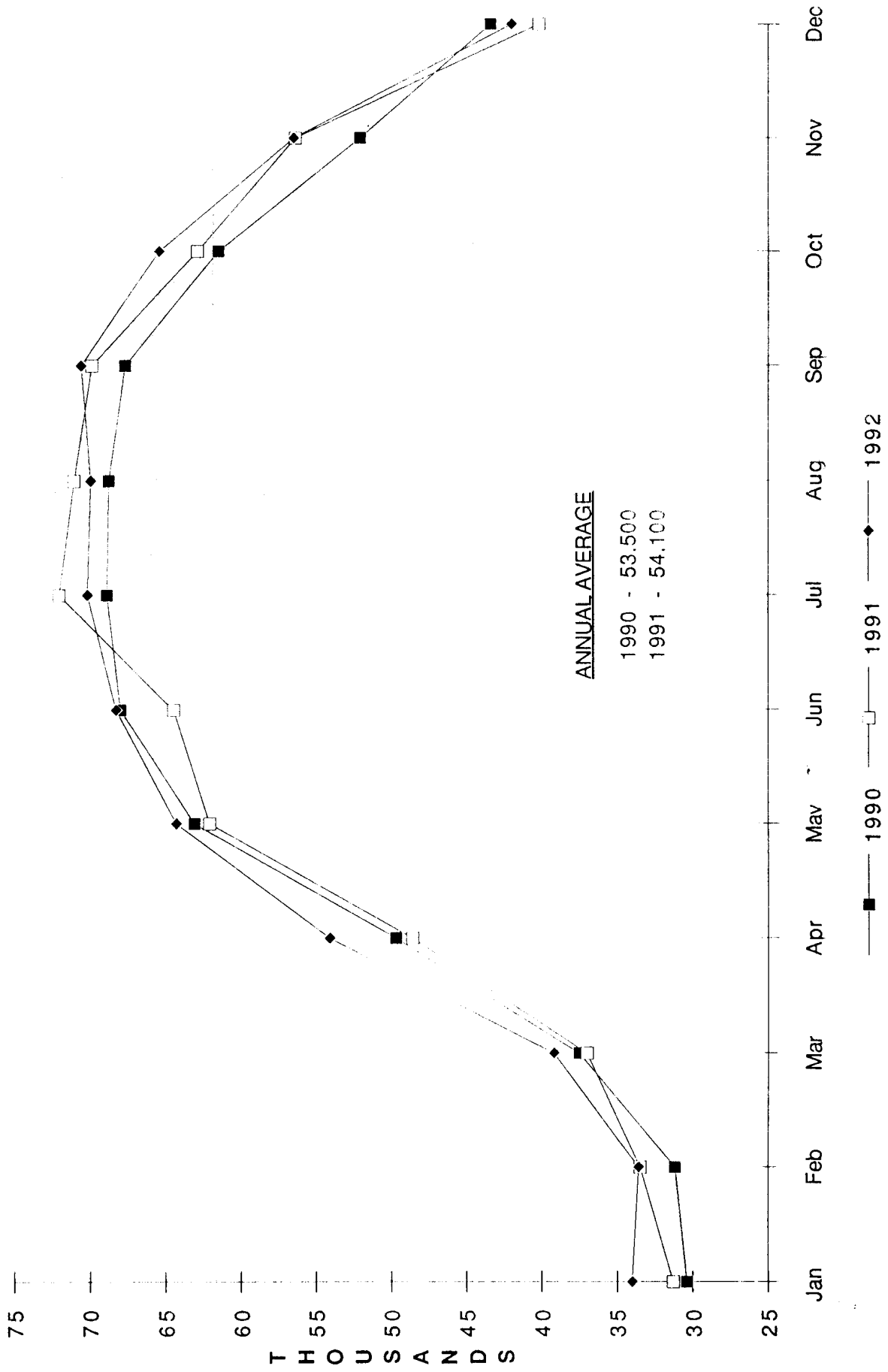


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	42.0	57.2	40.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	24.8	33.7	23.9
VEGETABLES AND MELONS	7.7	10.3	7.1
TOTAL FRUITS AND TREE NUTS	4.3	9.8	4.8
BERRIES	2.2	7.4	2.6
GRAPES	0.9	1.0	0.7
DECIDUOUS TREE FRUIT	0.7	0.9	0.9
OTHER FRUITS AND NUTS	0.5	0.5	0.6
TOTAL HORTICULTURAL SPECIALTIES	9.9	10.2	9.4
ORNAMENTAL FLORAL & NURSERY	7.7	8.0	7.4
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.0
GENERAL FARM PRIMARILY CROP	2.9	3.4	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	16.2	22.5	15.2
CROP SERVICES	10.9	13.2	9.4
HARVEST PRIMARILY BY MACHINE	3.0	3.4	2.9
PREPARATION SVCS FOR MARKET	7.9	9.8	6.5
TOTAL FARM LABOR & MANAGEMENT	5.3	9.3	5.8
FARM LABOR CONTRACTORS	4.8	8.7	5.5
FARM MANAGEMENT SERVICES	0.5	0.6	0.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	37.1	52.7	35.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	21.0	30.3	20.9
VEGETABLES AND MELONS	6.7	9.3	6.2
TOTAL FRUITS AND TREE NUTS	3.8	9.3	4.4
BERRIES	2.0	7.3	2.4
GRAPES	0.8	0.9	0.6
DECIDUOUS TREE FRUIT	0.6	0.7	0.8
OTHER FRUITS AND NUTS	0.4	0.4	0.6
TOTAL HORTICULTURAL SPECIALTIES	8.0	8.6	7.8
ORNAMENTAL FLORAL & NURSERY	6.1	6.7	6.0
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.8
GENERAL FARM PRIMARILY CROP	2.5	3.1	2.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.7	0.8	0.9
TOTAL AGRICULTURAL SERVICES	15.4	21.6	14.1
CROP SERVICES	10.1	12.5	8.5
HARVEST PRIMARILY BY MACHINE	2.7	3.2	2.6
PREPARATION SVCS FOR MARKET	7.4	9.3	5.9
TOTAL FARM LABOR & MANAGEMENT	5.3	9.1	5.6
FARM LABOR CONTRACTORS	4.8	8.6	5.5
FARM MANAGEMENT SERVICES	0.5	0.5	0.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	276.84	305.07	296.32
TOTAL AGRICULTURAL PRODUCTION/CROPS	307.50	310.64	314.94
VEGETABLES AND MELONS	321.19	335.98	349.01
TOTAL FRUITS AND TREE NUTS	263.55	263.73	269.57
BERRIES	191.25	236.99	239.23
GRAPES	461.38	461.38	414.28
DECIDUOUS TREE FRUIT	278.24	308.64	247.80
OTHER FRUITS AND NUTS	190.01	218.01	268.45
TOTAL HORTICULTURAL SPECIALTIES	316.17	317.63	329.93
ORNAMENTAL FLORAL & NURSERY	305.42	303.41	314.70
FOOD CROPS GROWN UNDER COVER	350.70	364.67	380.76
GENERAL FARM PRIMARILY CROP	311.00	353.80	263.54
TOTAL AGRIC PRODUCTION/LIVESTOCK	289.38	312.25	357.94
TOTAL AGRICULTURAL SERVICES	234.84	296.10	264.54
CROP SERVICES	237.69	317.90	289.60
HARVEST PRIMARILY BY MACHINE	261.47	322.92	259.04
PREPARATION SVCS FOR MARKET	227.85	316.63	301.79
TOTAL FARM LABOR & MANAGEMENT	229.18	266.45	227.43
FARM LABOR CONTRACTORS	209.48	257.63	222.48
FARM MANAGEMENT SERVICES	421.81	421.81	455.41

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	36.0	40.3	39.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.0	44.0	43.5
VEGETABLES AND MELONS	39.8	44.5	43.9
TOTAL FRUITS AND TREE NUTS	35.0	38.5	38.4
BERRIES	27.4	36.8	35.6
GRAPES	46.0	46.0	47.4
DECIDUOUS TREE FRUIT	53.2	48.3	42.0
OTHER FRUITS AND NUTS	23.9	33.8	35.0
TOTAL HORTICULTURAL SPECIALTIES	42.9	44.3	46.6
ORNAMENTAL FLORAL & NURSERY	43.2	44.1	46.9
FOOD CROPS GROWN UNDER COVER	41.9	44.8	45.6
GENERAL FARM PRIMARILY CROP	47.7	58.0	41.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	39.0	41.8	44.3
TOTAL AGRICULTURAL SERVICES	29.1	35.0	32.7
CROP SERVICES	29.2	35.8	36.2
HARVEST PRIMARILY BY MACHINE	37.3	41.4	36.9
PREPARATION SVCS FOR MARKET	26.1	33.9	35.8
TOTAL FARM LABOR & MANAGEMENT	28.9	33.9	27.5
FARM LABOR CONTRACTORS	27.1	33.2	27.0
FARM MANAGEMENT SERVICES	46.2	46.2	50.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	7.69	7.57	7.54
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.50	7.06	7.24
VEGETABLES AND MELONS	8.07	7.55	7.95
TOTAL FRUITS AND TREE NUTS	7.53	6.85	7.02
BERRIES	6.98	6.44	6.72
GRAPES	10.03	10.03	8.74
DECIDUOUS TREE FRUIT	5.23	6.39	5.90
OTHER FRUITS AND NUTS	7.95	6.45	7.67
TOTAL HORTICULTURAL SPECIALTIES	7.37	7.17	7.08
ORNAMENTAL FLORAL & NURSERY	7.07	6.88	6.71
FOOD CROPS GROWN UNDER COVER	8.37	8.14	8.35
GENERAL FARM PRIMARILY CROP	6.52	6.10	6.32
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.42	7.47	8.08
TOTAL AGRICULTURAL SERVICES	8.07	8.46	8.09
CROP SERVICES	8.14	8.88	8.00
HARVEST PRIMARILY BY MACHINE	7.01	7.80	7.02
PREPARATION SVCS FOR MARKET	8.73	9.34	8.43
TOTAL FARM LABOR & MANAGEMENT	7.93	7.86	8.27
FARM LABOR CONTRACTORS	7.73	7.76	8.24
FARM MANAGEMENT SERVICES	9.13	9.13	9.09

AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS

DESERT

Wage and Salary Employment

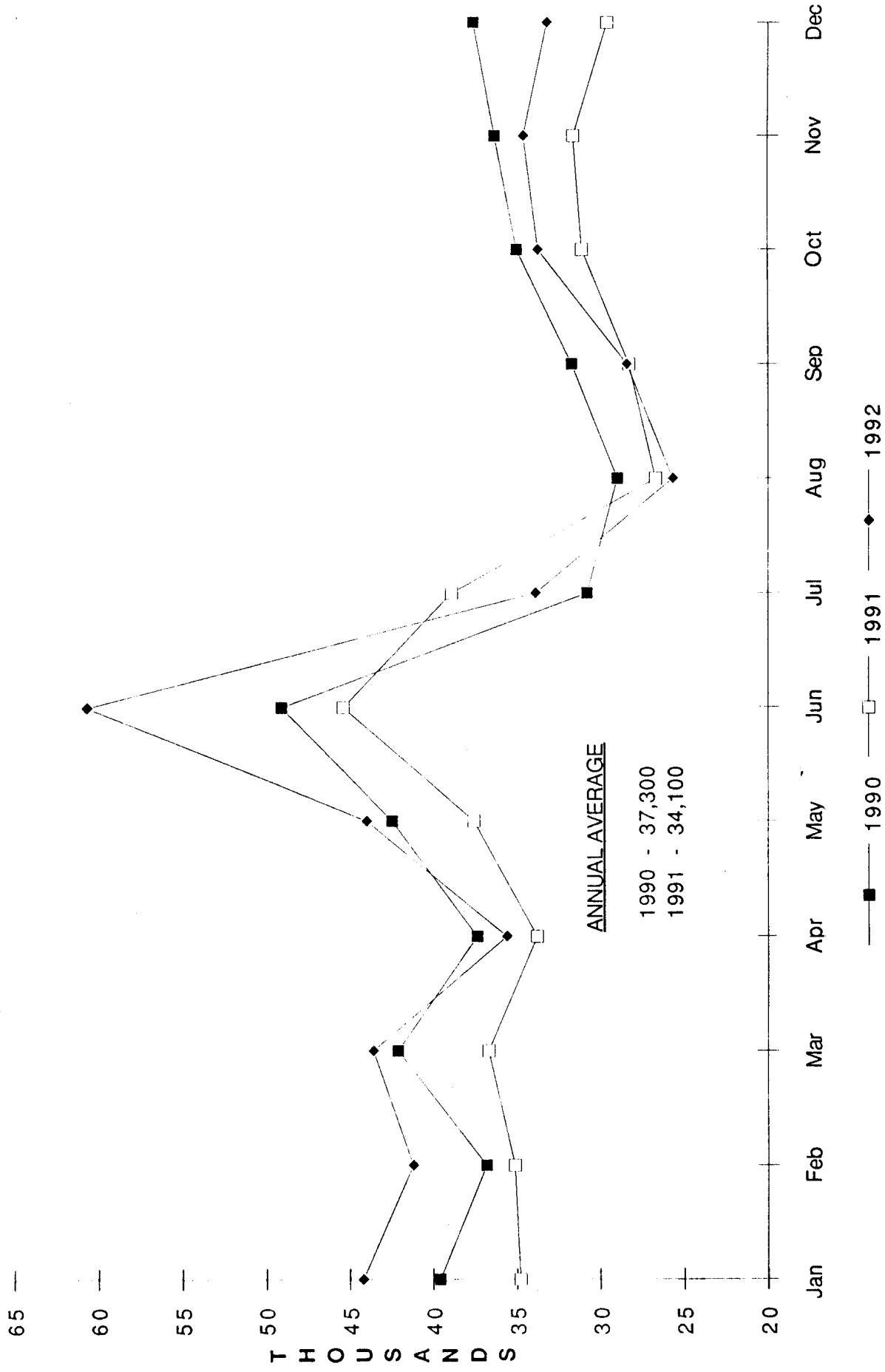


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	33.2	34.6	29.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.9	11.6	11.1
FIELD CROPS	1.2	1.3	1.4
VEGETABLES AND MELONS	2.2	2.4	2.6
TOTAL FRUITS AND TREE NUTS	5.1	4.2	3.3
GRAPES	2.0	0.5	1.4
CITRUS FRUITS	1.1	1.1	0.6
OTHER FRUITS AND NUTS	2.0	2.6	1.3
HORTICULTURAL SPECIALTIES	1.3	1.2	1.1
GENERAL FARM PRIMARILY CROP	2.1	2.5	2.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.9	5.0	5.4
DAIRY FARMS	2.4	2.4	2.5
CHICKEN EGGS	1.2	1.2	1.3
OTHER LIVESTOCK	1.3	1.4	1.6
TOTAL AGRICULTURAL SERVICES	16.4	18.0	13.1
CROP SERVICES	6.1	5.7	4.5
PLANT CULTIVATE & PROTECTION	1.2	1.4	0.9
HARVEST PRIMARILY BY MACHINE	1.9	1.5	0.9
PREPARATION SVCS FOR MARKET	3.0	2.8	2.7
TOTAL FARM LABOR & MANAGEMENT	10.3	12.3	8.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	30.6	32.3	27.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.7	10.6	10.1
FIELD CROPS	1.0	1.2	1.2
VEGETABLES AND MELONS	2.1	2.3	2.4
TOTAL FRUITS AND TREE NUTS	4.8	3.9	3.1
GRAPES	2.0	0.4	1.3
CITRUS FRUITS	1.1	1.1	0.6
OTHER FRUITS AND NUTS	1.7	2.4	1.2
HORTICULTURAL SPECIALTIES	1.0	1.0	0.9
GENERAL FARM PRIMARILY CROP	1.8	2.2	2.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.4	4.4	4.8
DAIRY FARMS	2.3	2.3	2.4
CHICKEN EGGS	0.9	0.9	1.0
OTHER LIVESTOCK	1.2	1.2	1.4
TOTAL AGRICULTURAL SERVICES	15.5	17.3	12.5
CROP SERVICES	5.4	5.2	4.1
PLANT CULTIVATE & PROTECTION	0.9	1.2	0.8
HARVEST PRIMARILY BY MACHINE	1.7	1.3	0.8
PREPARATION SVCS FOR MARKET	2.8	2.7	2.5
TOTAL FARM LABOR & MANAGEMENT	10.1	12.1	8.4

PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	291.33	258.33	245.82
TOTAL AGRICULTURAL PRODUCTION/CROPS	261.89	262.08	235.55
FIELD CROPS	263.93	266.66	228.75
VEGETABLES AND MELONS	322.29	240.02	254.59
TOTAL FRUITS AND TREE NUTS	253.06	257.74	234.58
GRAPES	274.52	346.53	231.50
CITRUS FRUITS	223.44	261.07	291.93
OTHER FRUITS AND NUTS	247.33	240.53	210.16
HORTICULTURAL SPECIALTIES	243.66	271.12	293.76
GENERAL FARM PRIMARILY CROP	212.50	286.68	199.71
TOTAL AGRIC PRODUCTION/LIVESTOCK	401.62	404.48	427.84
DAIRY FARMS	461.81	473.19	532.98
CHICKEN EGGS	318.42	311.91	288.61
OTHER LIVESTOCK	349.40	337.60	339.45
TOTAL AGRICULTURAL SERVICES	280.95	218.78	183.60
CROP SERVICES	181.96	227.79	224.76
PLANT CULTIVATE & PROTECTION	211.51	211.94	229.64
HARVEST PRIMARILY BY MACHINE	137.83	212.74	222.10
PREPARATION SVCS FOR MARKET	198.94	242.73	224.76
TOTAL FARM LABOR & MANAGEMENT	334.17	215.21	163.82

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	41.5	39.2	36.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.5	42.0	38.3
FIELD CROPS	42.5	41.6	37.5
VEGETABLES AND MELONS	51.9	43.8	45.3
TOTAL FRUITS AND TREE NUTS	36.1	37.3	37.0
GRAPES	36.7	44.2	37.1
CITRUS FRUITS	29.4	33.6	40.1
OTHER FRUITS AND NUTS	39.7	37.7	35.5
HORTICULTURAL SPECIALTIES	37.2	44.3	43.2
GENERAL FARM PRIMARILY CROP	34.0	47.7	31.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.4	51.2	51.3
DAIRY FARMS	46.6	51.1	54.0
CHICKEN EGGS	52.2	50.8	46.7
OTHER LIVESTOCK	52.7	51.7	49.7
TOTAL AGRICULTURAL SERVICES	40.6	34.4	30.0
CROP SERVICES	28.7	34.1	33.9
PLANT CULTIVATE & PROTECTION	33.1	35.5	34.9
HARVEST PRIMARILY BY MACHINE	17.1	26.2	30.3
PREPARATION SVCS FOR MARKET	34.3	37.4	34.9
TOTAL FARM LABOR & MANAGEMENT	47.0	34.6	28.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	7.02	6.59	6.68
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.63	6.24	6.15
FIELD CROPS	6.21	6.41	6.10
VEGETABLES AND MELONS	6.21	5.48	5.62
TOTAL FRUITS AND TREE NUTS	7.01	6.91	6.34
GRAPES	7.48	7.84	6.24
CITRUS FRUITS	7.60	7.77	7.28
OTHER FRUITS AND NUTS	6.23	6.38	5.92
HORTICULTURAL SPECIALTIES	6.55	6.12	6.80
GENERAL FARM PRIMARILY CROP	6.25	6.01	6.32
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.13	7.90	8.34
DAIRY FARMS	9.91	9.26	9.87
CHICKEN EGGS	6.10	6.14	6.18
OTHER LIVESTOCK	6.63	6.53	6.83
TOTAL AGRICULTURAL SERVICES	6.92	6.36	6.12
CROP SERVICES	6.34	6.68	6.63
PLANT CULTIVATE & PROTECTION	6.39	5.97	6.58
HARVEST PRIMARILY BY MACHINE	8.06	8.12	7.33
PREPARATION SVCS FOR MARKET	5.80	6.49	6.44
TOTAL FARM LABOR & MANAGEMENT	7.11	6.22	5.83

AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

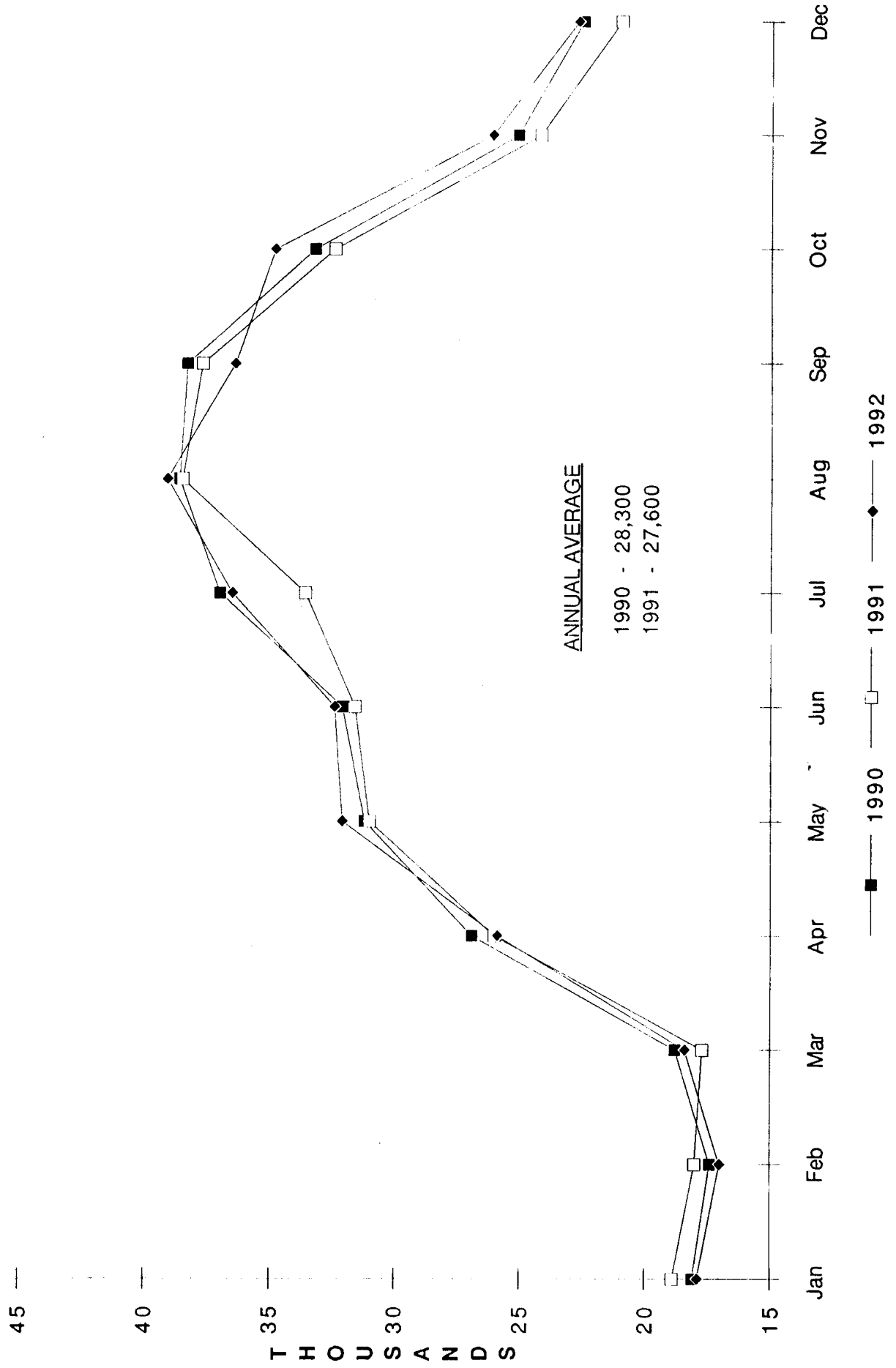


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	22.7	25.8	21.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	16.9	19.1	14.9
RICE	1.0	1.2	0.9
VEGETABLES AND MELONS	0.9	1.5	1.0
TOTAL FRUIT AND TREE NUTS	6.7	7.7	5.9
TREE NUTS	2.1	2.5	1.9
DECIDUOUS TREE FRUIT	3.8	3.7	2.8
OTHER FRUITS AND NUTS	0.8	1.5	1.2
HORTICULTURAL SPECIALTIES	3.3	2.9	2.7
GENERAL FARM PRIMARILY CROP	5.0	5.8	4.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.4	2.4	2.3
TOTAL AGRICULTURAL SERVICES	3.4	4.3	3.8
CROP SERVICES	1.9	2.7	2.1
HARVEST PRIMARILY BY MACHINE	0.5	0.7	0.7
PREPARATION SVCS FOR MARKET	1.4	2.0	1.4
TOTAL FARM LABOR & MANAGEMENT	1.5	1.6	1.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	19.2	22.6	18.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.2	16.7	12.9
RICE	0.7	0.9	0.7
VEGETABLES AND MELONS	0.7	1.3	0.8
TOTAL FRUIT AND TREE NUTS	5.9	7.0	5.4
TREE NUTS	1.8	2.2	1.7
DECIDUOUS TREE FRUIT	3.4	3.3	2.6
OTHER FRUITS AND NUTS	0.7	1.5	1.1
HORTICULTURAL SPECIALTIES	2.8	2.5	2.4
GENERAL FARM PRIMARILY CROP	4.1	5.0	3.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.1	1.9
TOTAL AGRICULTURAL SERVICES	2.9	3.8	3.4
CROP SERVICES	1.5	2.3	1.7
HARVEST PRIMARILY BY MACHINE	0.4	0.5	0.5
PREPARATION SVCS FOR MARKET	1.1	1.8	1.2
TOTAL FARM LABOR & MANAGEMENT	1.4	1.5	1.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	256.13	277.73	276.25
TOTAL AGRICULTURAL PRODUCTION/CROPS	257.38	278.64	275.42
RICE	332.03	335.95	474.88
VEGETABLES AND MELONS	338.91	444.35	344.08
TOTAL FRUIT AND TREE NUTS	213.11	247.81	242.10
TREE NUTS	209.37	304.61	249.26
DECIDUOUS TREE FRUIT	212.10	211.60	228.23
OTHER FRUITS AND NUTS	224.81	246.74	264.52
HORTICULTURAL SPECIALTIES	282.89	270.05	244.80
GENERAL FARM PRIMARILY CROP	280.01	270.00	290.30
TOTAL AGRIC PRODUCTION/LIVESTOCK	296.72	328.52	321.27
TOTAL AGRICULTURAL SERVICES	218.40	247.97	252.84
CROP SERVICES	258.33	253.00	201.92
HARVEST PRIMARILY BY MACHINE	258.23	223.45	272.14
PREPARATION SVCS FOR MARKET	257.92	262.08	173.82
TOTAL FARM LABOR & MANAGEMENT	178.95	240.08	305.50

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	38.4	43.6	42.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.3	43.0	42.7
RICE	40.1	43.8	53.0
VEGETABLES AND MELONS	38.6	52.4	34.0
TOTAL FRUIT AND TREE NUTS	35.4	43.4	42.4
TREE NUTS	34.1	52.7	43.5
DECIDUOUS TREE FRUIT	34.6	36.8	39.9
OTHER FRUITS AND NUTS	42.1	44.7	46.9
HORTICULTURAL SPECIALTIES	39.9	36.2	40.0
GENERAL FARM PRIMARILY CROP	41.3	43.2	44.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.7	49.7	46.9
TOTAL AGRICULTURAL SERVICES	35.0	43.2	39.2
CROP SERVICES	39.2	44.7	31.6
HARVEST PRIMARILY BY MACHINE	32.4	33.5	40.8
PREPARATION SVCS FOR MARKET	41.4	48.0	27.9
TOTAL FARM LABOR & MANAGEMENT	30.8	40.9	47.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	6.67	6.37	6.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.72	6.48	6.45
RICE	8.28	7.67	8.96
VEGETABLES AND MELONS	8.78	8.48	10.12
TOTAL FRUIT AND TREE NUTS	6.02	5.71	5.71
TREE NUTS	6.14	5.78	5.73
DECIDUOUS TREE FRUIT	6.13	5.75	5.72
OTHER FRUITS AND NUTS	5.34	5.52	5.64
HORTICULTURAL SPECIALTIES	7.09	7.46	6.12
GENERAL FARM PRIMARILY CROP	6.78	6.25	6.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.79	6.61	6.85
TOTAL AGRICULTURAL SERVICES	6.24	5.74	6.45
CROP SERVICES	6.59	5.66	6.39
HARVEST PRIMARILY BY MACHINE	7.97	6.67	6.67
PREPARATION SVCS FOR MARKET	6.23	5.46	6.23
TOTAL FARM LABOR & MANAGEMENT	5.81	5.87	6.50

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

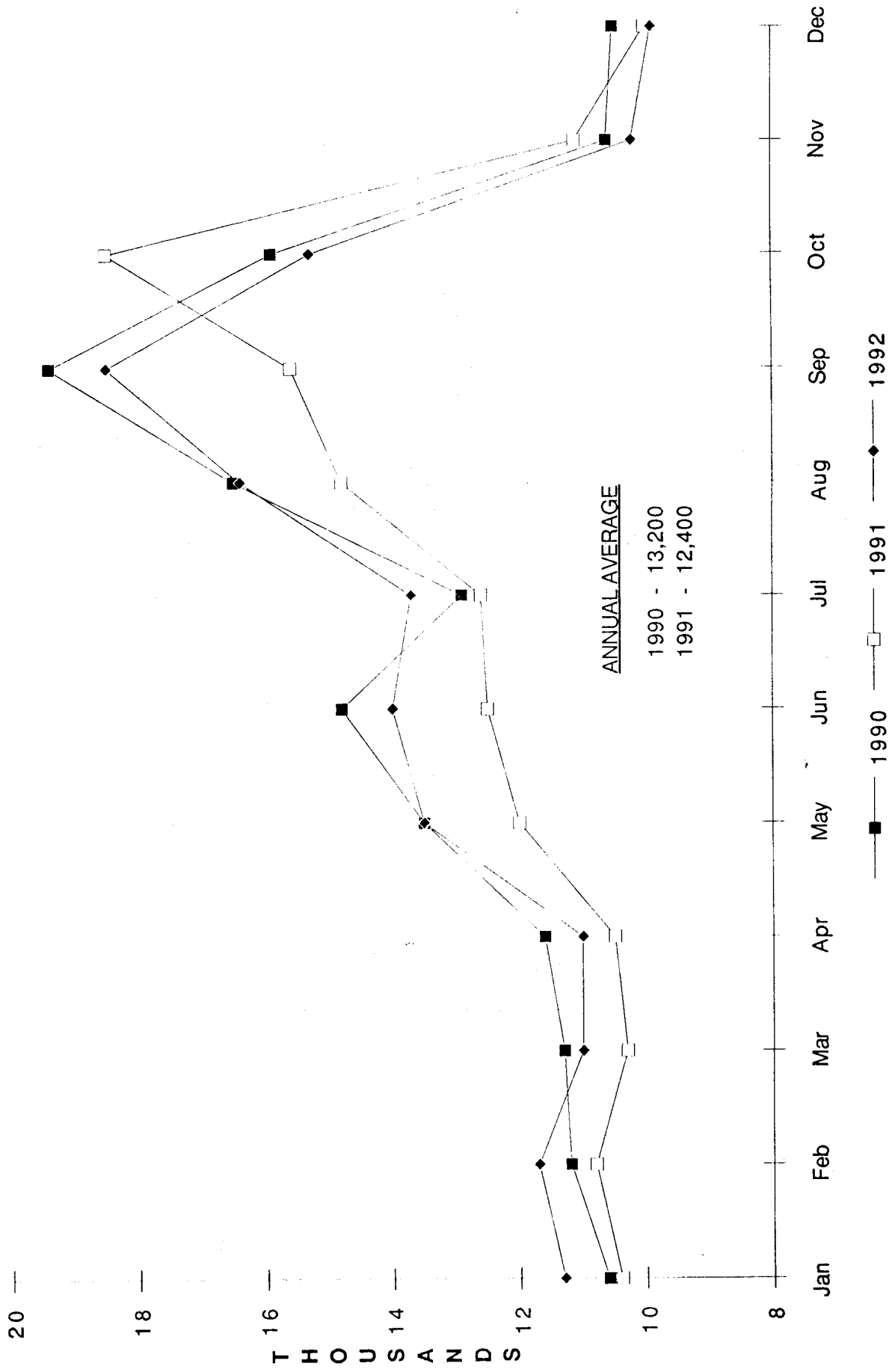


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	9.9	10.0	10.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.6	7.2	7.2
TOTAL FRUITS AND TREE NUTS	6.0	5.6	5.5
GRAPES	4.8	4.6	4.4
OTHER FRUITS AND NUTS	1.2	1.0	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.0	0.9	1.3
GENERAL FARM PRIMARILY CROP (2)	0.6	0.7	0.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.8	1.9
TOTAL AGRICULTURAL SERVICES	0.7	1.0	0.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	7.4	7.3	7.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.4	5.0	5.5
TOTAL FRUITS AND TREE NUTS	4.1	3.6	4.0
GRAPES	3.0	2.7	3.0
OTHER FRUITS AND NUTS	1.1	0.9	1.0
TOTAL HORTICULTURAL SPECIALTIES	0.8	0.7	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.5	1.5
TOTAL AGRICULTURAL SERVICES	0.5	0.8	0.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	261.34	294.27	273.16
TOTAL AGRICULTURAL PRODUCTION/CROPS	232.05	272.29	258.19
TOTAL FRUITS AND TREE NUTS	223.14	271.09	266.26
GRAPES	239.09	283.37	284.57
OTHER FRUITS AND NUTS	178.37	235.98	212.00
TOTAL HORTICULTURAL SPECIALTIES	288.05	306.54	233.50
TOTAL AGRIC PRODUCTION/LIVESTOCK	310.95	327.03	313.95
TOTAL AGRICULTURAL SERVICES	441.50	371.45	301.78

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	36.5	41.8	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	32.5	36.5	39.6
TOTAL FRUITS AND TREE NUTS	30.4	34.8	38.7
GRAPES	31.5	34.6	38.3
OTHER FRUITS AND NUTS	27.4	35.7	40.0
TOTAL HORTICULTURAL SPECIALTIES	40.4	39.2	41.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.9	49.7	48.3
TOTAL AGRICULTURAL SERVICES	51.1	60.3	38.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1992	NOV 1992	DEC 1991
TOTAL AGRICULTURAL	7.16	7.04	6.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.14	7.46	6.52
TOTAL FRUITS AND TREE NUTS	7.34	7.79	6.88
GRAPES	7.59	8.19	7.43
OTHER FRUITS AND NUTS	6.51	6.61	5.30
TOTAL HORTICULTURAL SPECIALTIES	7.13	7.82	5.64
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.63	6.58	6.50
TOTAL AGRICULTURAL SERVICES	8.64	6.16	7.90

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.